

DETAILED ACTION

Response to Amendment

1. Applicant's Amendment filed on 5/4/2009 has been entered with amended claims 31-32, 37-38, 43-44 and cancelled claim 46. In this Office Action, claims 6-10, 16-20, 26-45, 47-48 are pending.
2. Applicant's Amendment overcomes claims rejection under 35 U.S.C. 101 and claims objection. The rejection and objection of claims have been withdrawn.

EXAMINER'S AMENDMENT

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Lori Anne D. Swanson on 7/17/2009 (see Interview Summary).

Claims: Replace amended on record claims 31, 34, 37 and 40 with the following:

31. (Currently Amended) A computer-implemented method for executing .NET managed code in a database management system (DBMS) having a database server, the method comprising:

executing instructions from a memory in the database server invoking .NET managed code and an invocation context in the database server, wherein the invocation context provides access to a client's connection context;

separating the .NET managed code into an immutable part and a mutable part;

exposing the client's connection context to the database server through the utilization of an in-process provider; and

executing the .NET managed code in the database server based on the invocation context and the separation into immutable and mutable parts, wherein the code is executed under the client's connection context; and

storing information for the client's connection context in said memory.

34. (Canceled)

37. (Currently Amended) A system for executing application code in a database management system (DBMS) comprising a processor and a memory, the system comprising: at least one processor comprising:

a subsystem for invoking .NET managed code and an invocation context in the database server, wherein the invocation context provides access to a client's connection context;

a subsystem for separating the .NET managed code into an immutable part and a mutable part;

a subsystem for exposing the client's connection context to the database server through the utilization of an in-process provider; and

a subsystem for executing the .NET managed code in the database server based on the invocation context and the separation into immutable and mutable parts, wherein the code is executed under the client's connection context; and

a computing memory communicatively coupled to the processor, the computing memory operable to store information for the client's connection context.

40. (Canceled)

Reasons for allowance

4. The following is an examiner's statement of reasons for allowance:
 - Prior art of record does not teach or suggest or render obvious the claimed limitations in combination with the specific added limitations as recited in independent claims 31, 37 and 43. The prior art of record fails to teach or suggest in combination of claimed elements including "separating the .NET managed code into an immutable part and a mutable part"; and "a subsystem for executing the .NET managed code in the database server based on the invocation context and the separation into immutable and mutable parts, wherein the code is executed under the client's connection context" as recited in independent claims 31, 37 and 43.
5. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sathyanarayan Pannala whose telephone number is (571) 272-4115. The examiner can normally be reached on 8:00 am - 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Charles Rones can be reached on (571) 272-4085. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Sathyanarayan Pannala/
Primary Examiner, Art Unit 2164

srp
July 17, 2009